

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please cancel claims 36-39, 43, 44, 50, 51, and 54-62. Please amend claims 40-42, 45, 47, 48, 52, and 53, as follows:

Listing of Claims:

1-39. (Cancelled)

40. (Currently amended) A method for forming an antifuse, comprising:

forming a first interlayer;

forming a first plurality of slots in the first interlayer;

forming a first electrode having a first-plurality of longitudinal members vertically oriented rectangular plates in the first plurality of slots;

forming a second interlayer over the first interlayer;

forming a second plurality of slots in the second interlayer;

forming a second electrode in the second plurality of slots, the second electrode having a second-plurality of longitudinal members, the second-plurality of longitudinal members of the second electrode arranged substantially orthogonally with respect to the first-plurality of longitudinal members vertically oriented rectangular plates of the first electrode, the second electrode overlying the first electrode and having portions extending between the first-plurality of longitudinal members vertically oriented rectangular plates; and

forming a dielectric interposed between at least portions of the first and second electrodes.

41. (Currently amended) The method of claim 40 wherein forming the first electrode having a plurality of longitudinal members vertically oriented rectangular plates comprises forming a plurality of longitudinal members having at least one edge on which the dielectric and the longitudinal members of the second electrode are formed.

42. (Currently amended) The method of claim 41 wherein each of the ~~longitudinal members~~ vertically oriented rectangular plates of the first electrode have a rectangular profile.

43. (Cancelled)

44. (Cancelled)

45. (Currently amended) The method of claim 40 ~~[[44]]~~, further comprising forming an isolation region on which the first electrode is formed.

46. (Previously presented) The method of claim 45 where in the first and second electrodes are formed from a tungsten material.

47. (Currently amended) A method for forming an antifuse, comprising:
forming a first interlayer;
forming a first plurality of slots in the first interlayer;
forming a first electrode in the first plurality of slots, the first electrode having a first plurality of ~~parallel conductive members~~ vertically oriented rectangular plates;
forming a second interlayer over the first interlayer;
forming a second plurality of slots in the second interlayer;
forming a second electrode in the second plurality of slots, the second electrode having a second plurality of parallel conductive members formed over the first electrode and intersecting the first plurality of conductive members, ~~the conductive members of the second plurality;~~ and
forming a dielectric interposed between at least portions of the first and second electrodes.

48. (Currently amended) The method of claim 47 wherein forming the first electrode having a plurality of ~~parallel conductive members~~ vertically oriented rectangular plates comprises forming a plurality of conductive members having at least one edge on which the dielectric and the conductive members of the second electrode are formed.

49. (Previously presented) The method of claim 48 wherein each of the conductive members of the first electrode have a rectangular profile.

50. (Cancelled)

51. (Cancelled)

52. (Currently amended) The method of claim 47 ~~[[51]]~~, further comprising forming an isolation region on which the first electrode is formed.

53. (Currently amended) The method of claim 52 where in the vertically oriented rectangular plates of the first electrode and the parallel conductive members of the ~~first~~ ~~and~~ second electrode ~~[[s]]~~ are formed from a tungsten material.

54-62. (Cancelled)